

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: April 28, 2005
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. Application. No. (if known) <b>10/553109</b>
INTERNATIONAL APPLICATION NO.: <b>PCT/JP2003/014037</b>	INTERNATIONAL FILING DATE: <b>October 31, 2003</b>	PRIORITY DATE CLAIMED: <b>November 1, 2002</b>
<b>TITLE OF INVENTION: METHOD FOR SORTING AND RECOVERING FINE PARTICLES, AND APPARATUS FOR RECOVERY</b>		
APPLICANT(S) FOR DO/EO/US: <b>Ken HIRANO et al.</b>		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):             a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).            b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.            c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).            a. <input checked="" type="checkbox"/> is attached hereto.            b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))            a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).            b. <input type="checkbox"/> have been transmitted by the International Bureau.            c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.            d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
ITEMS 11. TO 20. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with the international search report, PTO/SB/08</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  <b>ASSIGNEE NAME AND ADDRESS: TECHNO NETWORK SHIKOKU CO., LTD., Takamatsu-shi, Japan</b>            Please publish the assignee data with the application.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: 6 sheets of drawings; Petition for Acceptance of Color Photographs and a check for \$130.00</p>		

U.S. APPLICATION NO. (if known) <b>10/533109</b>		INTERNATIONAL APPLICATION NO. PCT/JP2003/014037	DATE: April 28, 2005																																																																		
21. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS	PTO USE ONLY																																																																		
Basic National Stage Fee		\$ 300.00																																																																			
National Stage Search Fee		\$ 500.00																																																																			
National Stage Examination Fee		\$ 200.00																																																																			
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 1,000.00																																																																			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																																																																					
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th></th> </tr> </thead> <tbody> <tr> <td>TOTAL</td> <td>13 -20 =</td> <td></td> <td>X \$ 50.00</td> <td></td> </tr> <tr> <td>INDEPENDENT</td> <td>3 - 3 =</td> <td></td> <td>X \$ 200.00</td> <td></td> </tr> <tr> <td colspan="2">Multiple dependent claims(s) (if applicable)</td> <td></td> <td>+ \$360.00</td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS =</td> <td></td> <td>\$ 1,000.00</td> <td></td> </tr> <tr> <td colspan="2">National Stage Application Size Fee-for each additional 50 sheets that exceeds 100 sheets \$ 250.00.</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">SUBTOTAL =</td> <td></td> <td>\$ 1,000.00</td> <td></td> </tr> <tr> <td colspan="2">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">TOTAL NATIONAL FEE =</td> <td></td> <td>\$ 1,000.00</td> <td></td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</td> <td></td> <td>\$ 40.00</td> <td></td> </tr> <tr> <td colspan="2">TOTAL FEES ENCLOSED =</td> <td></td> <td>\$ 1,040.00</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>Amount to be: refunded charged</td> <td>\$</td> <td>\$</td> </tr> </tbody> </table>					CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		TOTAL	13 -20 =		X \$ 50.00		INDEPENDENT	3 - 3 =		X \$ 200.00		Multiple dependent claims(s) (if applicable)			+ \$360.00		TOTAL OF ABOVE CALCULATIONS =			\$ 1,000.00		National Stage Application Size Fee-for each additional 50 sheets that exceeds 100 sheets \$ 250.00.					Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).					SUBTOTAL =			\$ 1,000.00		Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +					TOTAL NATIONAL FEE =			\$ 1,000.00		Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$ 40.00		TOTAL FEES ENCLOSED =			\$ 1,040.00				Amount to be: refunded charged	\$	\$
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<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,040.00 to cover the above fees is enclosed. (\$300.00 for basic national stage fee; \$500.00 for national stage search fee; \$200.00 for national stage examination fee and \$40.00 for the assignment recordation fee).</p> <p>b. Please charge my Deposit Account No. 50-2866 in the amount of \$ to cover the above fees. (A duplicate copy of this sheet is enclosed.)</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2866.</p>																																																																					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.																																																																					
Send All Correspondence To:		WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP 1250 Connecticut Avenue, N.W. Suite 700 Washington, D.C. 20036 CUSTOMER No. 38834																																																																			
Typed or Printed Name: Stephen G. Adrian		Reg. No.: 32,878																																																																			
Signature		Date: April 28, 2005																																																																			

SGA/yap

10/533109

JC12PCT 28 APR 2005

VERIFICATION OF TRANSLATION

I, the below named translator, hereby declare that:

My name and post office address are as stated below:

That I am knowledgeable in the English language and in the language in which the below identified international application was filed, and that I believe the English translation of the international application No. PCT/JP2003/014037 is a true and complete translation of the above identified international application as filed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date

April 15, 2005

Full name of the translator

Ikuko AIHARA

Signature of the translator

Ikuko Aihara

Post Office Address

Kitahama TNK Building 7-1, Dosho-machi

1-chome, Chuo-ku, Osaka-shi, Osaka 541-0045,

Japan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Ken HIRANO et al.**

Serial No.: **Not yet assigned**  
(§371 of international application No. PCT/JP2003/014037)

Filed: **April 28, 2005**

For: **METHOD FOR SORTING AND RECOVERING FINE PARTICLES,  
AND APPARATUS FOR RECOVERY**

Attorney Docket Number: **052525**  
Customer Number: **38834**

**PETITION FOR ACCEPTANCE OF COLOR PHOTOGRAPHS**

Commissioner for Patents  
Mail Stop Petition  
P. O. Box 1450  
Alexandria, VA 22312-1450

Date: April 28, 2005

Sir:

Applicants hereby petition for acceptance of the color photographs submitted concurrently herewith in the above-identified patent application (3 sets of color photographs are enclosed – Figures 4, 6 and 7 with a black and white photocopy submitted with the drawings). The color photographs are necessary for describing the invention.

Payment for the petition fee of \$130.00 is included in the enclosed check. In the event any additional fees are required, please charge our Deposit Account No. 50-2866.

Respectfully submitted,

**WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP**

05/05/2005 SHAJARRO 00000048 10533109

05 FC:1464

130.00 OP



Stephen G. Adrian

Attorney for Applicants  
Registration No. 32,878  
Telephone: (202) 822-1100  
Facsimile: (202) 822-1111

SGA/yap

Enclosures: Check for \$130.00 and 3 sets of color photographs, figures 4, 6 and 7.